

EDUCATION-NEWS CONSULT**MARCH 2025 BECE MOCK****(RIGOR ROAD)****CAREER TECHNOLOGY**

Name.....

Index Number.....

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SPECIAL PERFORMANCE BOOSTER – MOCK 6**MARCH, 2025****CAREER TECHNOLOGY****2 HOURS**

Do not open this booklet until you are told to do so. While you are waiting, read and observe the following instructions carefully. Write your name and index number in ink in the spaces provided above.

This booklet consists of two papers; **I** and **II**. Answer Paper **2** which comes first in your answer booklet and Paper **1** on your Objective Test answer sheet. Paper **2** will last for **1** hour 10 minutes, after which the answer book let will be collected. Do not start Paper until you are told to do so. Paper **1** will last 45 minutes.

VERY IMPORTANT INSTRUCTIONS TO YOU IF YOU WANT TO PASS THIS PAPER

1. Read through the questions, brainstorm and plan your answers before you finally answer them. This is one of the good ways to manage your time in an exam and to do well.
2. Clearly use simple but detailed sentences and provide the best answers possible at all times.
3. Write answers that provide additional information. If you just list answers or provide one to three worded answers where explanations are required, your will score very low marks or nothing at all.
4. Do well to explain your answers to help earn full marks and give one example at least. Check your units of measurement, spellings, grammar, update answers and read over your work before submitting your script.
5. Write question numbers boldly, start every new major question (answers) on a new page.
6. Do not rewrite the full question before answering. Only write the question number that corresponded to the answer.
7. Show workings in all instances in section B if the question involves calculations.

PAPER 2

PART A

Answer two questions only from this part. Question 1 (Compulsory) and any other one.

1. Aunt Saada the Koko seller at Koforidua Kantudu, sells her Koko with a delicious Koose.
 - a. List the ingredients needed for the preparation of *Koose*.
.....
.....
 - b. State in **eight** steps the preparation of *Koose*.
.....
.....
.....
.....
.....
.....
.....
 - c. State and explain the cooking method used for the preparing the Koose.
.....
.....
..... [15 marks]
2.
 - a. Your junior sister always observe you whilst you set table for family meal, she only know that the family will be dinning on the table. Explain to your sister in **four sentences** reasons for setting a table for family meals.
.....
.....
.....
.....
 - b. Fafali has to prepare chicken stew for the husband's birthday.
 - i. List **six** food commodities she will need for the stew.
I..... II.....
II..... IV.....
V..... VI.....
 - ii. State **three** accompaniment that can be served with the stew
.....
.....
.....
 - c. A unit for hanging school uniforms is to be designed and made in the school workshop.
 - i. State **two** places where the unit would be placed in the workshop.
.....
.....
 - ii. State **two** specifications of the unit based on construction
.....
.....
.....
 - iii. Name **two** specific material to be used for making the unit.
.....
..... [15 marks]

3. a. As Basic 9 learner, explain to the PTA in two sentences each on how to care for the following part

i. mouth

.....

.....

ii. Teeth

.....

.....

b. State the portion per head of the following food items.

i. Fresh fish.....

ii. rice.....

iii. eggs.....

c. Read the case study below and use it to answer questions (i) to (iv)

Mugu and Amugu completed Amuguase JHS. They decided to use their knowledge in career technology to start a business. Imagine that they contacted your for more direction

i. What term will you used to describe Mugu and Amugu and why?

.....

.....

ii. Explain the type of enterprise they should set-up

.....

.....

.....

iii. Why would they employ online marketing strategy in the operation?

.....

.....

.....

iv. Explain how they should share the profit of the business to them

.....

.....

.....[15 marks]

PART B

Answer two questions only from this part. Question 4 (Compulsory) and any other one.

4. a. Identify the following types of mechanisms.

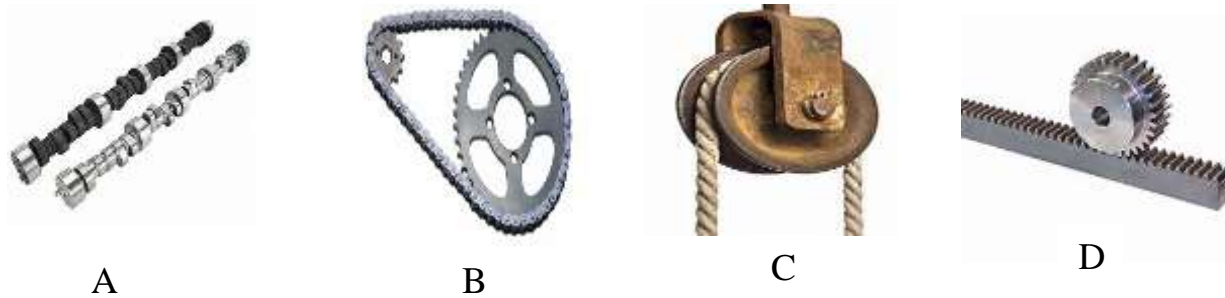


Fig 3

- i. Identify the part labeled A – D.
 A.....B.....
 C.....D.....
- ii. Distinguish between the parts labelled A and C.

.....

.....

.....

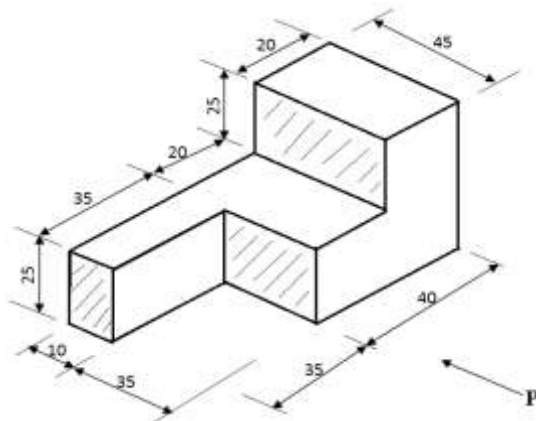
- iii. State **two** reasons why you will choose the part labeled 'C' over the part labelled B.

.....

.....

.....

- b. The figure shows the pictorial view of a wooden block made from Odum.



- i. Draw full size the front elevation in the direction of arrow P.
- ii. List **two** finishes that can be applied on the wooden block.

.....

..... [15 marks

6. Use the sketch below to answer questions (5)(a)&(b)



- a.
 - i. State the operation being carried out?.....
 - ii. Explain the term identify in (5)(a)(i)



-[15 marks

Each question is followed by **four** options lettered A to D. Find the **correct** option for **each** question and shade in **pencil** on your answer sheet the answer space which bears the same letter as the option you have chosen. Give only **one** answer to **each** question.

1. A **common** method of cooking ripe plantain for sale is
A. boiling. B. roasting.
C. grilling. D. baking.
2. The **most** suitable seam for making a boy's jeans is
A. double-stitched seam
B. dressmaker's seam
C. French seam
D. overlaid seam
3. A developed cylinder shows a
A. circle B. rectangle
C. square D. triangle
4. The pinking shears is useful for
A. cutting out motifs
B. cutting out pattern pieces
C. neatening seams
D. trimming turnings
5. Which of the following is inexpensive to use in the rural area and not clean energy?
A. Coal pot B. Electric cooker
C. Gas cooker D. Kerosene stove
6. In orthographic projection, the two principal planes intersect at
A. 30° B. 45°
C. 60° D. 90°
7. Which of the following is the practical example of a cone?
A. Barrel B. Funnel
C. Milk tin D. Milo tin

Figure 1, shows a design process. Use it to answer questions 8 and 9

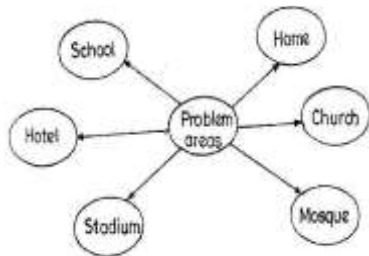


Fig. 1

8. Figure 1 shows the method of
A. specifying solutions
B. stating specification
C. evaluating artifact
D. identifying needs

9. Which of the following design process stages follows the method shown in figure 1?
A. Writing specifications
B. Writing situation
C. Analyzing a situation
D. Sketching possible solutions
10. Drawing and painting are grouped under
A. landscape
B. still life
C. three-dimensional work
D. two-dimensional work
11. Which type of fastening is best suited for joining metal structures?
A. Thermal fastening
B. Adhesive fastening
C. Mechanical fastening
D. All of the above
12. The following are material used for preparing the surface of an artefact to receive a finish except
A. abrasives B. emery cloth
C. sanding sealer D. sand paper
13. The advantage of taking breakfast is that it
A. helps to keep the body warm
B. helps one to perform physical activities better
C. makes meals more appetizing
D. makes meals more nutritious
14. Which of the following are portions of control equipment?
I. Measuring cups
II. Weighing scales
III. Polythene bags
IV. Empty tins
A. I, II and III only B. I, II and IV only
C. I, III and IV only D. II, III and IV only
15. The basic ingredients for pancake are:
A. flour, baking powder and milk
B. flour, butter and baking powder
C. flour, eggs and liquid
D. flour, fat, milk and sugar.
16. A meal served at mid-morning or mid-afternoon is known as

- A. breakfast B. brunch
 C. elevenses D. snack
17. Kpoikpoi is an ethnic dish for the
 A. Ewe B. Fante
 C. Akan D. Ga
18. The elevation projected onto the side vertical plane is the
 A. front B. plan
 C. end D. back
19. Which of the following is **not** a fastener?
 A. rivets B. screws
 C. soldering bits D. bolts and nuts
20. The plastic used for making an egg box is
 A. acrylic B. polystyrene
 C. nylon D. polythene
21. Which of the following instruments are most suitable for dividing a circle into equal parts
 I. set square
 II. protractor
 III. a pair of compasses
 A. I and II only B. I and III only
 C. II and III only D. I, II and III

Use the sketch below to answer questions 22 and 23

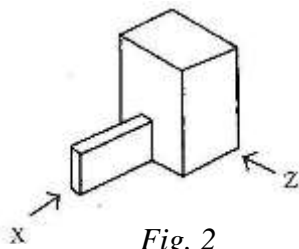
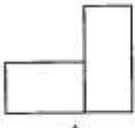
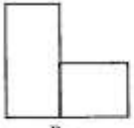
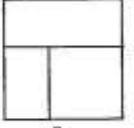

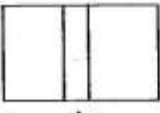
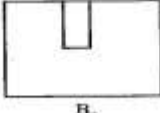
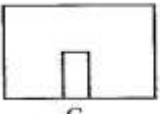
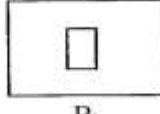


Fig. 2

22. Which of the following represents the front view in the direction of arrow **Z**?
- 



23. Which of the following represents the left end elevation in the direction of arrow **X**?
- 



24. Liquid Crystal Displays (LCDs) are used in all these products except
 A. Smartphones

- B. Televisions
 C. Bulletin board
 D. Computer monitors
25. The kind of gland that releases sweat at the armpit is the
 A. eccrine gland
 B. bacteria gland
 C. apocrine gland
 D. microbial gland
26. Why is flux used when soldering?
 A. to make the joining strong
 B. to reduce heating
 C. to clean the surface of the metal
 D. to apply water
27. Which of the following is an example of torsion force in everyday life?
 A. Sitting in a chair.
 B. Opening a jar
 C. Lifting a heavy box
 D. Pushing a shopping cart.
28. Halitosis is a health condition that causes bad odour from the
 A. mouth B. anus. C. groin D. armpit
29. The part of the sewing machine that holds the needle is called
 A. bobbin B. spool pin
 C. needle clamp D. presser foot
30. Sweat smells on the body when it reacts with
 A. bacteria B. virus
 C. oxygen C. glucose
31. The full arc of a circle measures
 A. 90 degrees B. 180 degrees
 C. 270 degrees D. 360 degrees
32. A disadvantage of grilling is that
 A. food should always be basted
 B. is it slow method of cooking
 C. it needed constant attention
 D. most nutrients are lost
33. Sifted wood ash is a local abrasive suitable for cleaning
 A. wood and glass
 B. ceramics and aluminium
 C. glass and ceramic ware
 D. aluminium and wood ware
34. Another name for hors d'oeuvres is
 A. dessert
 B. main dish
 C. main meal
 D. appetizer

35. A dish that can either be steamed or baked is
- ofam.
 - aboloo.
 - yakeyake.
 - akla.

Figure 3 shows the sketch of rectangular aluminium sheet labelled M, N, O, P. Use it to answer

Questions 36 and 37.

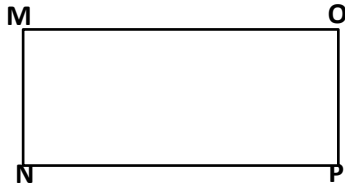


Fig. 3

36. Which of the following products is obtained when the sides **MN** is soldered to **OP**?
- Chalk box
 - Match box
 - Milk tin
 - Watering can
37. Which of the following tools is used to produce heat to join the sides?

- Folding bar
- Snips
- Soldering iron
- Torch

38. What is the main reason why tweezers is kept in a first aid kit?
- To relieve pain
 - To hold joints to prevent movement
 - To absorb liquid in wounds
 - To remove splinters
39. Which of the following is not a modern material?
- Electroluminescent material
 - Fluorescent material
 - Magneto rheological material
 - Phosphorescent material
40. The basic food requirement of a lactating mother's includes the following except
- | | |
|-----------------|------------------|
| A. Carbohydrate | B. Iron |
| C. Protective | C. Body Building |